**Protin A**
See *Subtilisin [9014-01-1]*
**Protin A 3L**
See *Subtilisin [9014-01-1]*
**Protin P**
See *Proteinase, Bacillus subtilis metallo– [9080-56-2]*
**Protiofate**
See *2,5-Thiophenedicarboxylic acid, 3,4-dihydroxy–, dipropyl ester [58416-00-5]*
**Protionamide**
See *4-Pyridinecarbothioamide, 2-propyl– [14222-60-7]*
**Protirelin**
See *L-Prolinamide, 5-oxo-L-prolyl-L-histidyl– [24305-27-9]*
**Protirelin receptors**
See *Thyrotropin-releasing hormone receptors*
**Protizinic acid**
See *10H-Phenothiazine-2-acetic acid, 7-methoxy-α,10-dimethyl– [13799-03-6]*
**Protoadamantane**
See *2,5-Methano-1H-indene, octahydro– [19026-94-9]*
**3,6-Protoadamantanediol**
See *2,5-Methano-1H-indene-5,7a-diol, hexahydro– [157774-24-8]*
**6-Protoadamantanol**
See *2,5-Methano-1H-inden-7a(2H)-ol, hexahydro– [96929-65-6]*
**Protoanemonin**
See *2(5H)-Furanone, 5-methylene– [108-28-1]*
**Protoaphin fb**
See *[5,6'-Bi-1H-naphtho[2,3-c]pyran]-5',10'-dione, 9-(β-D-glucopyranosyloxy)-3,3',4,4'-tetrahydro-4,4',7,7',9',10-hexahydroxy-1,1',3,3'-tetramethyl–, [1R-[1α,3β,4α,5(1'R*,3'R*,4'S*)]]– [38321-93-6]*
**Protoaspidistrin**
See *β-D-Galactopyranoside, (3β,25R)-26-(β-D-glucopyranosyloxy)-22-hydroxyfurost-5-en-3-yl O-β-D-glucopyranosyl-(1→2)-O-[β-D-xylopyranosyl-(1→3)]-O-β-D-glucopyranosyl-(1→4)– [84272-82-2]*
**Protobassic acid**
See *Olean-12-en-28-oic acid, 2,3,6,23-tetrahydroxy–, (2β,3β,4α,6β)– [37905-13-8]*
**Protoberberine**
See *Dibenzo[a,g]quinolizinium, 5,6-dihydro– [19716-69-9]*
**——, tetrahydro–**
See *6H-Dibenzo[a,g]quinolizine, 5,8,13,13a-tetrahydro– [483-49-8]*
**Protobiliverdin IXα**
See *21H-Biline-8,12-dipropanoic acid, 3,18-diethenyl-1,19,22,24-tetrahydro-2,7,13,17-tetramethyl-1,19-dioxo– [114-25-0]*
**Protobiliverdin IXβ**
See *21H-Biline-3,7-dipropanoic acid, 13,18-diethenyl-1,19,22,24-tetrahydro-2,8,12,17-tetramethyl-1,19-dioxo– [29726-85-0]*
**Protobiliverdin IXγ**
See *21H-Biline-2,18-dipropanoic acid, 8,13-diethenyl-1,19,22,24-tetrahydro-3,7,12,17-tetramethyl-1,19-dioxo– [20890-42-0]*
**Protobiliverdin IXδ**
See *21H-Biline-3,7-dipropanoic acid, 12,17-diethenyl-1,19,23,24-tetrahydro-2,8,13,18-tetramethyl-1,19-dioxo– [29575-16-4]*
**Protobiont**
See *Life*, origin of
**Protobioside**
See *β-D-Glucopyranoside, (3β,22α,25R)-26-(β-D-glucopyranosyloxy)-22-hydroxyfurost-5-en-3-yl 2-O-(6-deoxy-α-L-mannopyranosyl)– [128052-96-0]*
**Protobruceol I**
See *2H,8H-Benzo[1,2-b:3,4-b']dipyran-8-one, 5-hydroxy-2-methyl-2-(4-methyl-3-pentenyl)–, (+)– [150521-59-8]*
**Protobruceol II**
See *2H,8H-Benzo[1,2-b:3,4-b']dipyran-8-one, 5-hydroxy-2-(4-hydroxy-4-methyl-2-pentenyl)-2-methyl–, (E)-(+)– [150463-67-5]*
**Protobruceol III**
See *2H,8H-Benzo[1,2-b:3,4-b']dipyran-8-one, 5-hydroxy-2-(3-hydroxy-4-methyl-4-pentenyl)-2-methyl– [150463-69-7]*
**Protobruceol IV**
See *2H,8H-Benzo[1,2-b:5,4-b']dipyran-2-one, 5-hydroxy-8-(4-hydroxy-4-methyl-2-pentenyl)-8-methyl–, (E)-(+)– [150433-93-5]*
**Protocatechuic acid**
See *Benzoic acid, 3,4-dihydroxy– [99-50-3]*
**Protocatechuic 3,4-oxygenase**
See *Oxygenase, protocatechuate 3,4-di– [9029-47-4]*
**Protocatechuic 4,5-oxygenase**
See *Oxygenase, protocatechuate 4,5-di– [9029-56-5]*
**Protocatechuyl alcohol**
See *1,2-Benzenediol, 4-(hydroxymethyl)– [3897-89-0]*
**Protocercosporin**
See *Cyclopenta[6,7]furo[2',3':5,6]perylo[1,12-def][1,3]dioxepin-8,14(8aH,12H)-dione, 10,11-dihydro-1,7-dihydroxy-8a,13-dimethoxy-10-methyl–, (8aS,10R,11aS)– [81904-20-3]*
**Protocetraric acid**
See *11H-Dibenzo[b,e][1,4]dioxepin-7-carboxylic acid, 4-formyl-3,8-dihydroxy-9-(hydroxymethyl)-1,6-dimethyl-11-oxo– [489-51-0]*
**Protochelin**
See *Benzamide, N,N'-[(1S)-1-[[[4-[(2,3-dihydroxybenzoyl)amino]butyl]amino]carbonyl]-1,5-pentanediyl]bis[2,3-dihydroxy– [131610-88-3]*
**Protochiisanogenin**
See *Lup-20(29)-en-28-oic acid, 1,11-dihydroxy-3-oxo–, (1β,11α)– [193206-51-8]*
**Protochiisanoside**
See *Lup-20(29)-en-28-oic acid, 1,11-dihydroxy-3-oxo–, O-6-deoxy-α-L-mannopyranosyl-(1→4)-O-β-D-glucopyranosyl-(1→6)-β-D-glucopyranosyl ester, (1β,11α)– [193206-28-9]*
**Protochlorophyll**
See *Magnesium, [(2E,7R,11R)-3,7,11,15-tetramethyl-2-hexadecenyl 3,4-didehydro-9-ethenyl-14-ethyl-21-(methoxycarbonyl)-4,8,13,18-tetramethyl-20-oxo-3-phorbinepropanoato(2–)-κN$^{23}$,κN$^{24}$,κN$^{25}$,κN$^{26}$]–, (SP-4-2)– [14751-08-7]*
**Protochlorophyll a**
See *Magnesium, [(2E,7R,11R)-3,7,11,15-tetramethyl-2-hexadecenyl 3,4-didehydro-9-ethenyl-14-ethyl-21-(methoxycarbonyl)-4,8,13,18-tetramethyl-20-oxo-3-phorbinepropanoato(2–)-κN$^{23}$,κN$^{24}$,κN$^{25}$,κN$^{26}$]–, (SP-4-2)– [14751-08-7]*
**Protochlorophyll a$_{DHgg}$**
See *Magnesium, [eicosatrienyl (21R)-3,4-didehydro-9-ethenyl-14-ethyl-21-(methoxycarbonyl)-4,8,13,18-tetramethyl-20-oxo-3-phorbinepropanoato(2–)-κN$^{23}$,κN$^{24}$,κN$^{25}$,κN$^{26}$]–, (SP-4-2)– [170130-46-8]*
**Protochlorophyll a$_{gg}$**
See *Magnesium, [eicosatetraenyl (21R)-3,4-didehydro-9-ethenyl-14-ethyl-21-(methoxycarbonyl)-4,8,13,18-tetramethyl-20-oxo-3-phorbinepropanoato(2–)-κN$^{23}$,κN$^{24}$,κN$^{25}$,κN$^{26}$]–, (SP-4-2)– [170130-45-7]*
**Protochlorophyll a$_{p}$**
See *Magnesium, [eicosenyl (21R)-3,4-didehydro-9-ethenyl-14-ethyl-21-(methoxycarbonyl)-4,8,13,18-tetramethyl-20-oxo-3-phorbinepropanoato(2–)-κN$^{23}$,κN$^{24}$,κN$^{25}$,κN$^{26}$]–, (SP-4-2)– [170130-48-0]*
**Protochlorophyll a$_{THgg}$**
See *Magnesium, [eicosadienyl (21R)-3,4-didehydro-9-ethenyl-14-ethyl-21-(methoxycarbonyl)-4,8,13,18-tetramethyl-20-oxo-3-phorbinepropanoato(2–)-κN$^{23}$,κN$^{24}$,κN$^{25}$,κN$^{26}$]–, (SP-4-2)– [170130-47-9]*
**Protochlorophyll b**
See *Magnesium, [(2E,7R,11R)-3,7,11,15-tetramethyl-2-hexadecenyl (7R)-3,4-didehydro-9-ethenyl-14-ethyl-13-formyl-21-(methoxycarbonyl)-4,8,18-trimethyl-20-oxo-3-phorbinepropanoato(2–)-κN$^{23}$,κN$^{24}$,κN$^{25}$,κN$^{26}$]–, (SP-4-2)– [65600-46-6]*
**Protochlorophyllide a**
See *Magnesate(1–), [3,4-didehydro-9-ethenyl-14-ethyl-21-(methoxycarbonyl)-4,8,13,18-tetramethyl-20-oxo-3-phorbinepropanoato(3–)-κN$^{23}$,κN$^{24}$,κN$^{25}$,κN$^{26}$]–, hydrogen, (SP-4-2)– [20369-67-9]*
**Protochlorophyllides**
See also related:
*Chlorophylls*
*Chloroplast*
**Protocol C**
See *2-Imidazolidinone, 4,5-dihydroxy-1,3-bis(hydroxymethyl)– [1854-26-8]*
**Protocollagen hydroxylase**
See *Oxygenase, protocollagen proline di– [9028-06-2]*
**Protoconstipatic acid**
See *3-Furancarboxylic acid, tetrahydro-2-(14-hydroxypentadecyl)-4-methylene-5-oxo– [73036-29-0]*
**Protodeltofolin**
See *β-D-Glucopyranoside, (3β,25R)-26-(β-D-glucopyranosyloxy)furosta-5,20(22)-dien-3-yl O-4-O-(4-carboxy-3-hydroxy-3-methyl-1-oxobutyl)-6-deoxy-α-L-mannopyranosyl-(1→4)-O-[6-deoxy-α-L-mannopyranosyl-(1→2)]– [90852-90-7]*
**Protodioscin**
See *β-D-Glucopyranoside, (3β,22α,25R)-26-(β-D-glucopyranosyloxy)-22-hydroxyfurost-5-en-3-yl O-6-deoxy-α-L-mannopyranosyl-(1→2)-O-[6-deoxy-α-L-mannopyranosyl-(1→4)]– [55056-80-9]*
**Protoemetine**
See *2H-Benzo[a]quinolizine-2-acetaldehyde, 3-ethyl-1,3,4,6,7,11b-hexahydro-9,10-dimethoxy–, (2R,3R,11bS)– [549-91-7]*
**——, dihydro–**
See *2H-Benzo[a]quinolizine-2-ethanol, 3-ethyl-1,3,4,6,7,11b-hexahydro-9,10-dimethoxy–, (2R,3R,11bS)– [7344-78-7]*
**Protoemetinol**
See *2H-Benzo[a]quinolizine-2-ethanol, 3-ethyl-1,3,4,6,7,11b-hexahydro-9,10-dimethoxy–, (2R,3R,11bS)– [7344-78-7]*
**Protoeruboside B**
See *β-D-Galactopyranoside, (3β,5α,6β,22α,25R)-26-(β-D-glucopyranosyloxy)-6,22-dihydroxyfurostan-3-yl O-β-D-glucopyranosyl-(1→2)-O-[β-D-glucopyranosyl-(1→3)]-O-β-D-glucopyranosyl-(1→4)– [118543-11-6]*
**Protoescigenin**
See *Olean-12-ene-3,16,21,22,23,28-hexol, (3β,4β,16α,21β,22α)– [20853-07-0]*
**Protoetioporphyrin**
See *21H,23H-Porphine, 2,7-diethenyl-13,17-diethyl-3,8,12,18-tetramethyl– [60160-51-2]*
**Protofarrerol**
See *4H-1-Benzopyran-4-one, 2,3-dihydro-5,7-dihydroxy-2-[(1R)-1-hydroxy-4-oxo-2-cyclohexen-1-yl]-6,8-dimethyl–, (2S)– [24211-29-8]*
**Protoferriheme**
See *Ferrate(2–), chloro[7,12-diethenyl-3,8,13,17-tetramethyl-21H,23H-porphine-2,18-dipropanoato(4–)-κN$^{21}$,κN$^{22}$,κN$^{23}$,κN$^{24}$]–, dihydrogen, (SP-5-13)– [16009-13-5]*
**Protogen A**
See *1,2-Dithiolane-3-pentanoic acid [1077-28-7]*
**Protogen B**
See *1,2-Dithiolane-3-pentanoic acid, 1-oxide [6992-30-9]*
**Protogenkwanin**
See *4H-1-Benzopyran-4-one, 2-(1,4-dihydroxy-2,5-cyclohexadien-1-yl)-5-hydroxy-7-methoxy– [74996-29-5]*
**Protogonyautoxin 1**
See *Carbamic acid, sulfo–, C-[[(3aS,4R,9R,10aS)-2,6-diamino-3a,4,9,10-tetrahydro-10,10-dihydroxy-9-(sulfooxy)-1H,8H-pyrrolo[1,2-c]purin-4-yl]methyl] ester [80173-30-4]*
**Protogonyautoxin 2**
See *Carbamic acid, sulfo–, C-[[(3aS,4R,9S,10aS)-2,6-diamino-3a,4,9,10-tetrahydro-10,10-dihydroxy-9-(sulfooxy)-1H,8H-pyrrolo[1,2-c]purin-4-yl]methyl] ester [80226-62-6]*
**Protogonyautoxin 3**
See *Carbamic acid, sulfo–, C-[[(3aS,4R,9R,10aS)-2-amino-3a,4,5,6,9,10-hexahydro-5,10,10-trihydroxy-6-imino-9-(sulfooxy)-1H,8H-pyrrolo[1,2-c]purin-4-yl]methyl] ester [89614-45-9]*
**Protogonyautoxin 4**
See *Carbamic acid, sulfo–, C-[[(3aS,4R,9S,10aS)-2-amino-3a,4,5,6,9,10-hexahydro-5,10,10-trihydroxy-6-imino-9-(sulfooxy)-1H,8H-pyrrolo[1,2-c]purin-4-yl]methyl] ester [89674-98-6]*
**Protogracillin**
See *β-D-Glucopyranoside, (3β,22α,25R)-26-(β-D-glucopyranosyloxy)-22-hydroxyfurost-5-en-3-yl O-6-deoxy-α-L-mannopyranosyl-(1→2)-O-[β-D-glucopyranosyl-(1→3)]– [54848-30-5]*
**Protohematin**
See *Ferrate(2–), [7,12-diethenyl-3,8,13,17-tetramethyl-21H,23H-porphine-2,18-dipropanoato(4–)-κN$^{21}$,κN$^{22}$,κN$^{23}$,κN$^{24}$]hydroxy–, dihydrogen, (SP-5-13)– [15489-90-4]*
**Protoheme**
See *Ferrate(2–), [7,12-diethenyl-3,8,13,17-tetramethyl-21H,23H-porphine-2,18-dipropanoato(4–)-κN$^{21}$,κN$^{22}$,κN$^{23}$,κN$^{24}$]–, dihydrogen, (SP-4-2)– [14875-96-8]*
**Protoheme IX**
See *Ferrate(2–), [7,12-diethenyl-3,8,13,17-tetramethyl-21H,23H-porphine-2,18-dipropanoato(4–)-κN$^{21}$,κN$^{22}$,κN$^{23}$,κN$^{24}$]–, dihydrogen, (SP-4-2)– [14875-96-8]*
**Protohemin**
See *Ferrate(2–), chloro[7,12-diethenyl-3,8,13,17-tetramethyl-21H,23H-porphine-2,18-dipropanoato(4–)-κN$^{21}$,κN$^{22}$,κN$^{23}$,κN$^{24}$]–, dihydrogen, (SP-5-13)– [16009-13-5]*
**Protohemin IX**
See *Ferrate(2–), chloro[7,12-diethenyl-3,8,13,17-tetramethyl-21H,23H-porphine-2,18-dipropanoato(4–)-κN$^{21}$,κN$^{22}$,κN$^{23}$,κN$^{24}$]–, dihydrogen, (SP-5-13)– [16009-13-5]*
**Protohemochrome**
See *Ferrate(2–), [7,12-diethenyl-3,8,13,17-tetramethyl-21H,23H-porphine-2,18-dipropanoato(4–)-κN$^{21}$,κN$^{22}$,κN$^{23}$,κN$^{24}$]bis(pyridine)–, dihydrogen, (OC-6-23)– [15629-11-5]*
**Protohypericin**
See *Dibenzo[a,o]perylene-7,16-dione, 1,3,4,6,8,15-hexahydroxy-10,13-dimethyl– [548-03-8]*
**Protohypoglaucin A**
See *β-D-Glucopyranoside, (3β,25S)-26-hydroxyfurosta-5,20(22)-dien-3-yl O-6-deoxy-α-L-mannopyranosyl-(1→2)-O-[6-deoxy-α-L-mannopyranosyl-(1→3)]– [93449-29-7]*
**Δ$^{6}$-Protoilludene**
See *1H-Cyclobut[e]indene, 2,4,4a,5,6,7,7a,7b-octahydro-3,6,6,7b-tetramethyl–, (4aR,7aR,7bS)-rel– [64242-89-3]*
**Δ$^{7}$-Protoilludene**
See *1H-Cyclobut[e]indene, 2,2a,4a,5,6,7,7a,7b-octahydro-3,6,6,7b-tetramethyl–, (2aR,4aR,7aR,7bS)-rel– [68370-34-3]*
**Protoisoeruboside B**
See *β-D-Galactopyranoside, (3β,5α,6β,25S)-26-(β-D-glucopyranosyloxy)-6,22-dihydroxyfurostan-3-yl O-β-D-glucopyranosyl-(1→2)-O-[β-D-glucopyranosyl-(1→3)]-O-β-D-glucopyranosyl-(1→4)– [186545-34-6]*
**Protokylol**
See *1,2-Benzenediol, 4-[2-[[2-(1,3-benzodioxol-5-yl)-1-methylethyl]amino]-1-hydroxyethyl]– [136-70-9]*
**Protolan**
See *Phosphoric acid, esters, 2,2-dichloroethenyl dimethyl ester, mixt. with naphthalene [66402-42-4]*
**Protolan BD 95432**
See *Polysiloxanes*, cationic
**Protolate WS**
See *Lanolin*, protein complex
**Protolichesteric acid**
(–)- —— see *3-Furancarboxylic acid, tetrahydro-4-methylene-5-oxo-2-tridecyl–, (2S,3R)– [493-46-9]*
**Protolichesterinic acid**
(–)- —— see *3-Furancarboxylic acid, tetrahydro-4-methylene-5-oxo-2-tridecyl–, (2S,3R)– [493-46-9]*
**Protolignin**
See *Lignin [9005-53-2]*
**Protolube 5865**
See *Poly(oxy-1,2-ethanediyl), α-(9Z)-9-octadecenyl-ω-hydroxy–, phosphate, sodium salt [57486-09-6]*
**Protolyofoligenic acid**
See *9,19-Cyclolanostan-30-oic acid, 3,24,25-trihydroxy–, (3α,24R)– [12708-28-0]*
**Protolysis**
See *Protonation*
**Protomelittin**
See *Promelittin, pre– [66369-20-8]*